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Subject: PndDpmDirect changed

Posted by [Johan Messchendorp](#) on Sat, 07 May 2011 11:31:11 GMT

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Dear all,

The PndDpmDirect has been modified with an additional option to let the code calculate the cut-off angle by itself. The cut-off has been set such that it cuts in  $-t$  of  $1e-2 \text{ GeV}^2$  (cuts  $\sim 100 \text{ MeV/c}$  recoil protons). This corresponds roughly to  $0.4 \text{ deg}$  at  $15 \text{ GeV/c}$  and  $4 \text{ deg}$  at  $1.5 \text{ GeV/c}$ . An interpolation is made for other momenta: linear in double-log scale. One can call this new constructor of PndDpmDirect with:

```
PndDpmDirect::PndDpmDirect(Double_t Mom, Int_t Mode, Long_t Seed=-1)
```

Note that you can still an explicit angle cut-off, using the old constructor call.

Greetings,

Johan.

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